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Status: PROTOTYPE

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Embry-Riddle Aeronautical University

Sheet: /

File: mainBoard.kicad_sch

Title: System Diagram

Size: USLetter

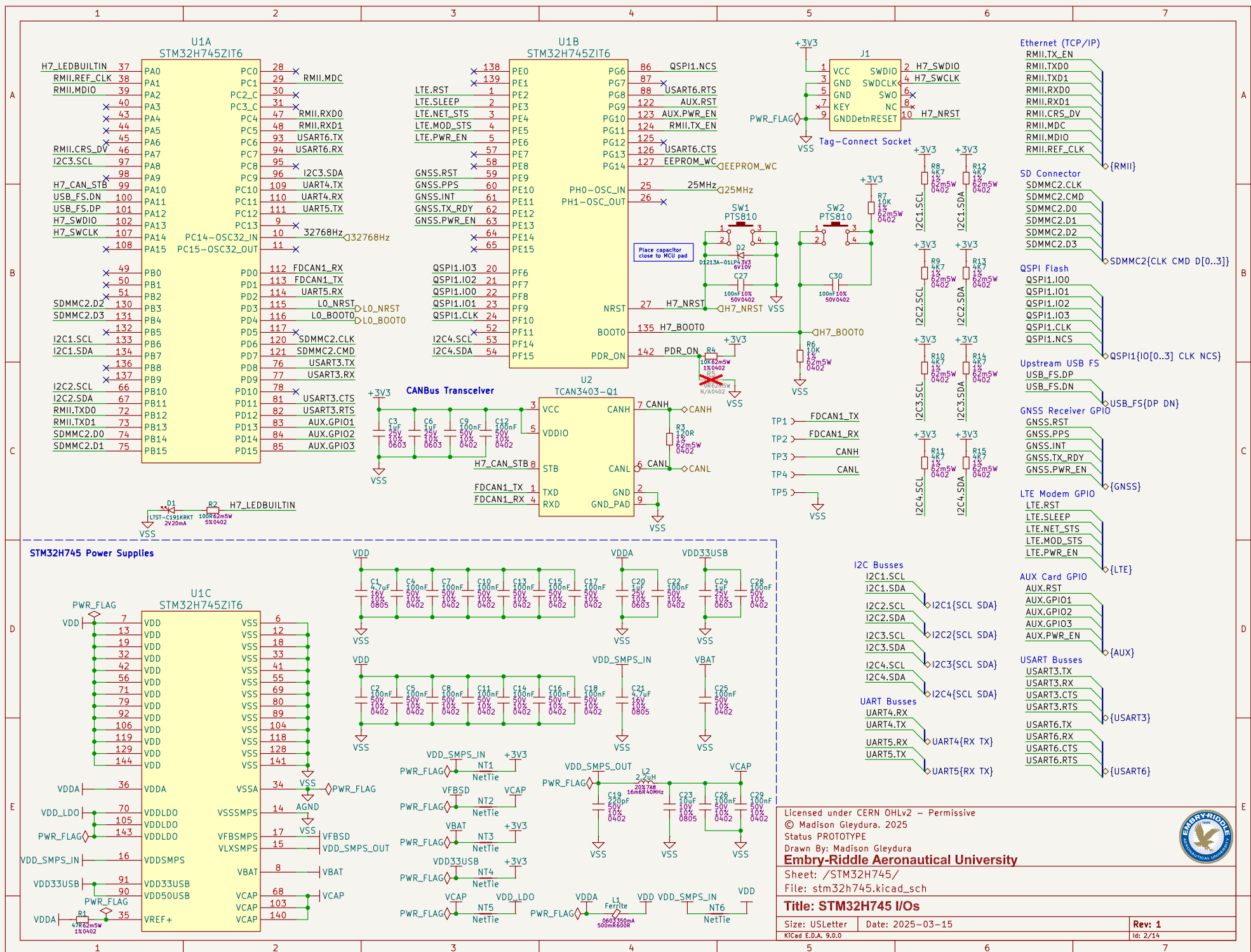
Date: 2025-03-15

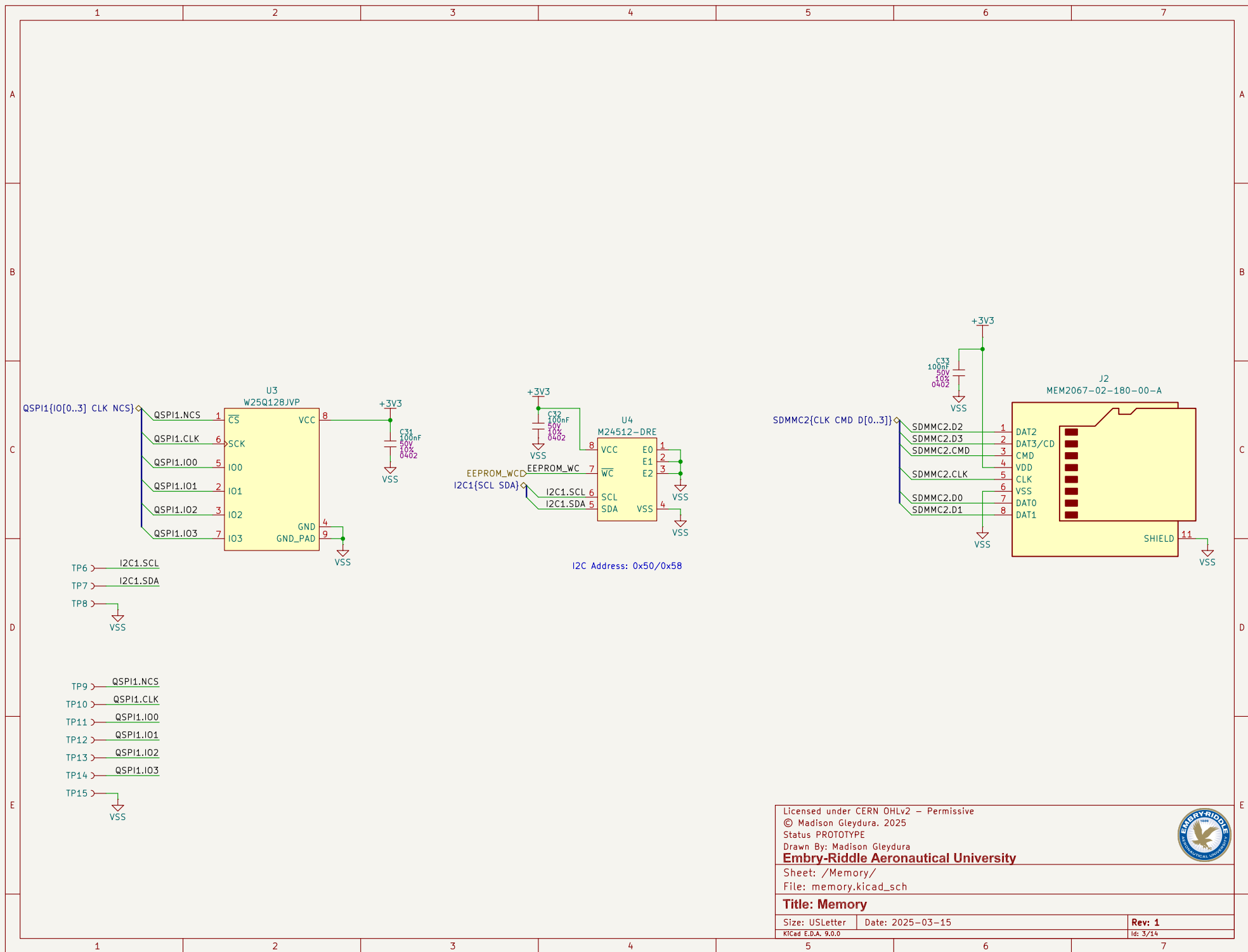
Rev: 1

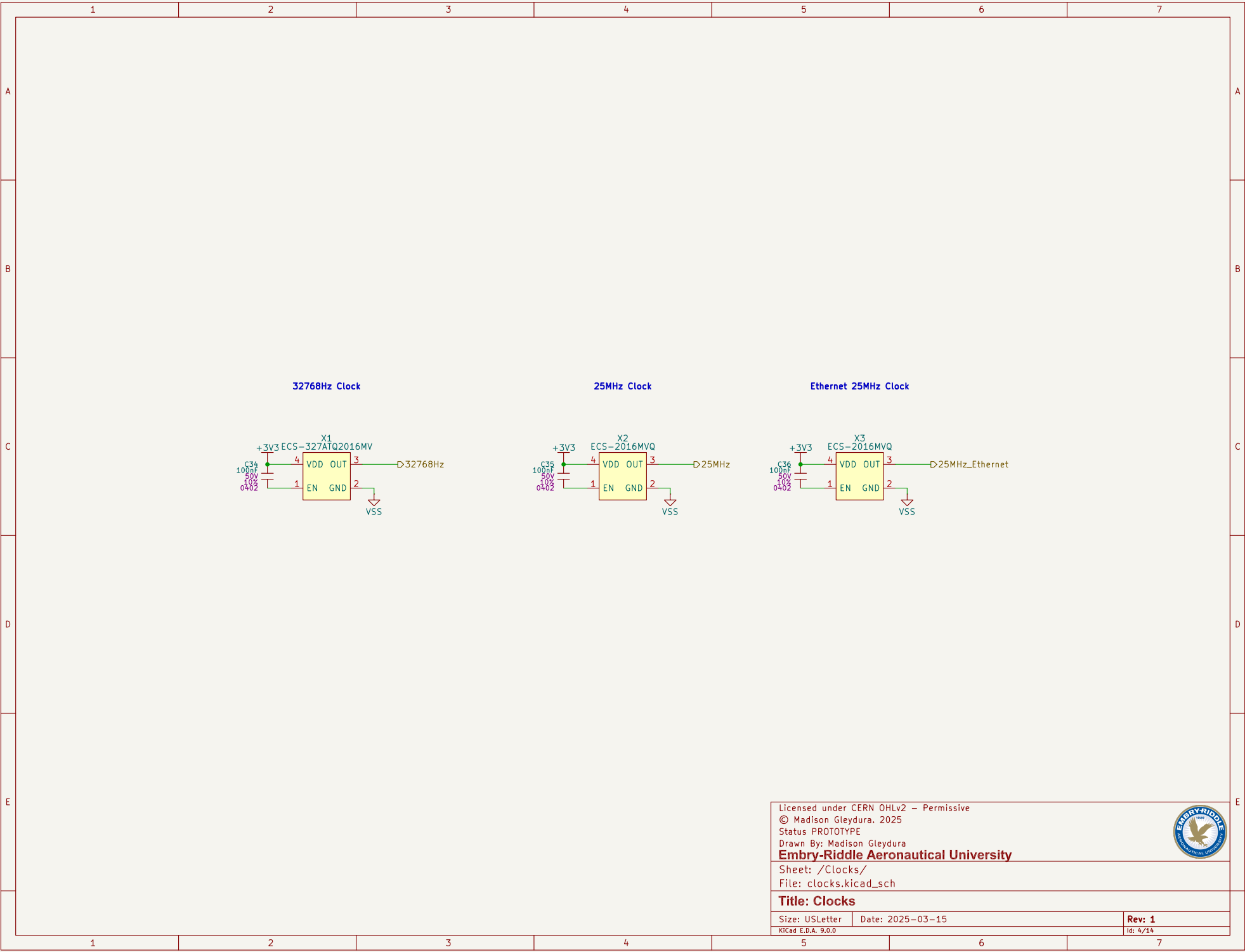
KiCad E.D.A. 9.0.0

Id: 1/14









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Sheet: /Clocks/

File: clocks.kicad_sch

Title: Clocks

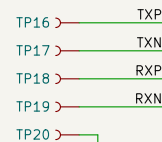
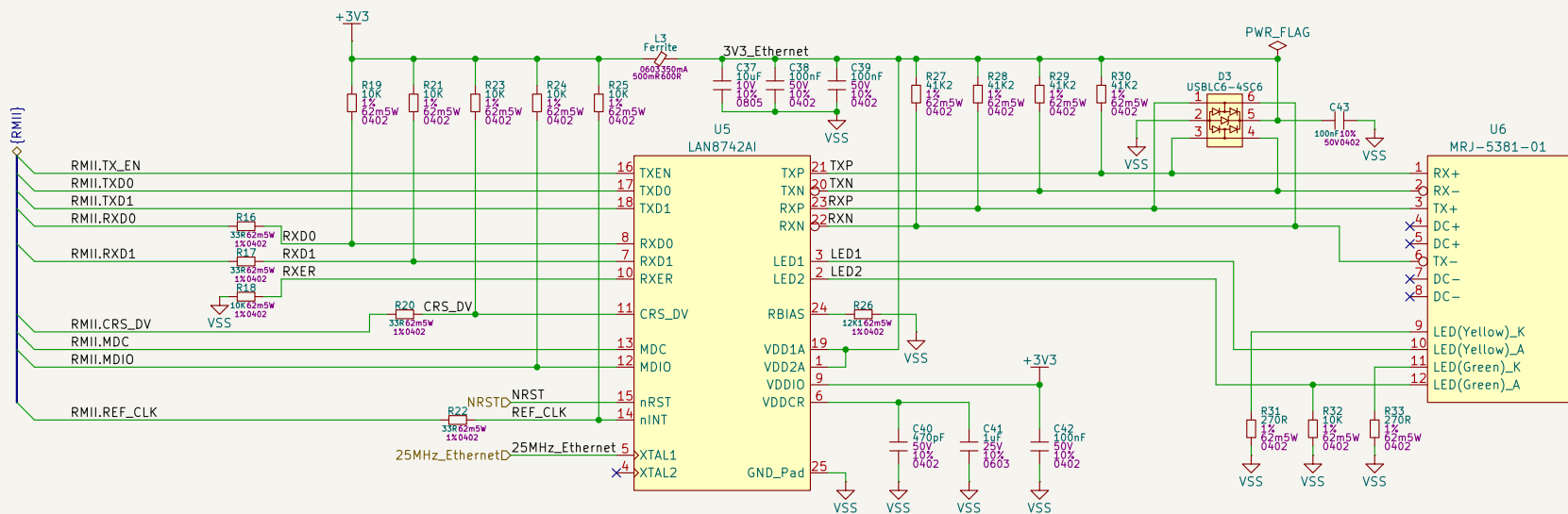
Size: USLetter Date: 2025-03-15

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Sheet: /Ethernet/

File: ethernet.kicad_sch

Title: Ethernet

Size: USLetter

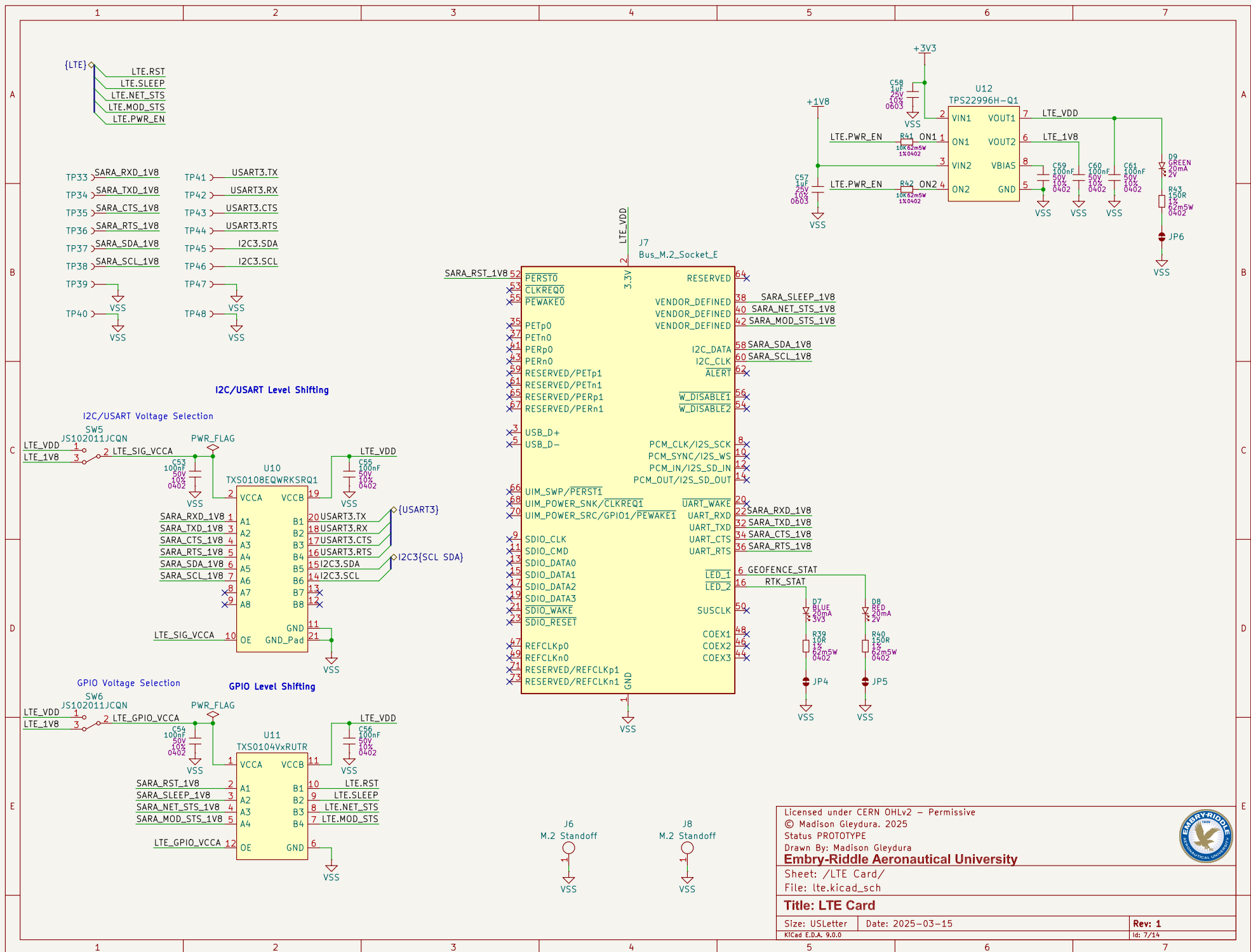
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18: 5/14





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Sheet: /LTE Card/

File: lte.kicad_sch

Title: LTE Card

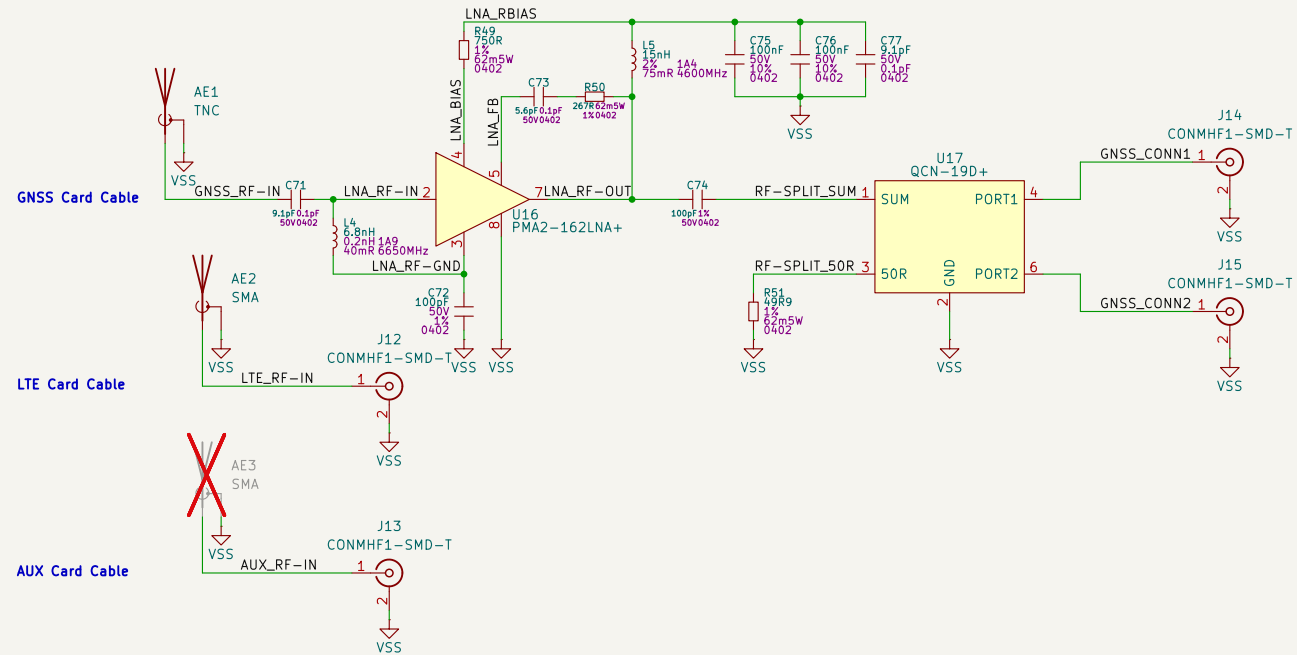
Size: USLetter Date: 2025-03-15

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18: 7/14





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Sheet: /RF Interface/

File: rflInterface.kicad_sch

Title: RF Interface

Size: USLetter

Date: 2025-03-15

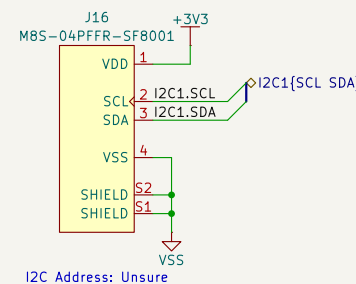
Rev: 1

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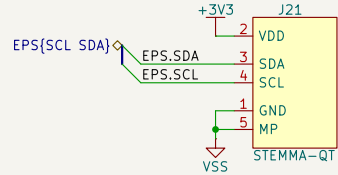
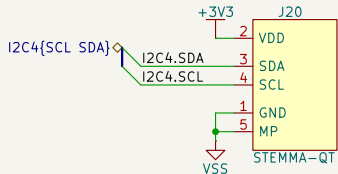
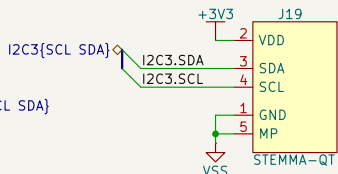
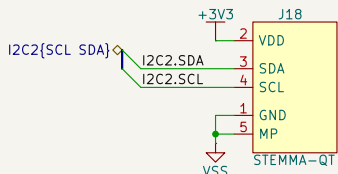
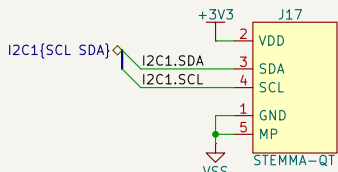
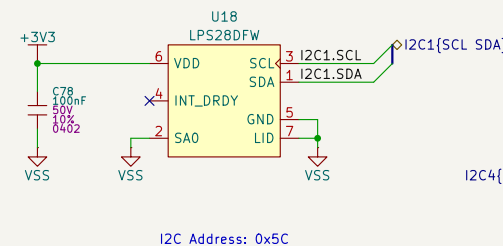
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External Temperature/Humidity Sensor



Internal Pressure Sensor



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Sheet: /Environmental Sensors/

File: sensors.kicad_sch

Title: Environmental Sensors

Size: USLetter

Date: 2025-03-15

Rev: 1

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18: 10/14



